

AMENDMENTS TO THE SPECIFICATION

Please replace the last paragraph beginning on page 9 and continuing to page 10 of the original application with the following replacement paragraph. In making such amendment, no new matter is entered.

The exception handling system 50 of the present invention utilizes an instance strategy pattern utilizing three generic exception types. For each of the generic types, a new instance of these types can be defined. The number of instances are not restricted, and all instances are listed in an exception dictionary file. Reflecting on these capabilities, the following can be concluded. First, only three exceptions must be caught. This simplifies the exception handling, however, an unlimited number of exceptions can be defined. Second, changing exceptions have a weak effect on the interface definition language and the method signatures, because the exception types remain stable. ~~Changing exceptions have a weak effect on the interface definition language and the method signatures, because the exception types remain stable.~~

An interface definition language is used to specify the interface in a client/server system. An interface definition language clears a set of operations, exceptions and attributes operating within the client server system. Each operation has a signature, which defines its name, parameters, result type, and exceptions. Third, a complex class hierarchy of exceptions is avoided, resulting in lower learning efforts. Utilized in the present invention are three different exception types. They are application exceptions, system exceptions, and validation exceptions. A general discussion of exception handling will be discussed with regard to FIG. 3.